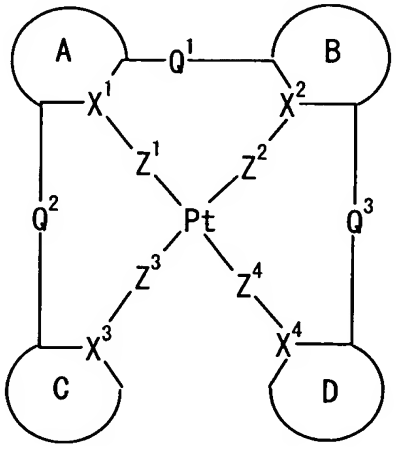
Abstract

Provision of a novel platinum complex which is useful as a material for a light-emitting device of good light emission characteristic and light emission efficiency, and a novel light-emitting material that may be utilized in various fields.

A platinum complex represented by the following general formula (1):



(1)

(in which two rings of ring A, ring B, ring C, and ring D represent nitrogen-containing heterocyclic rings which may have a substituent and the remaining two rings of them represent aryl rings or hetero aryl rings which may have a substituent, the ring A and the ring B, the ring A and the ring C or/and the ring B and the rind D may form condensed rings. Two of X^1, X^2, X^3, and X^4 represent nitrogen atoms coordination bonded to a platinum atom and the remaining

two of them represent carbon atoms or nitrogen atoms. Q^1, Q^2, and Q^3 each represents a bond, oxygen atom, sulfur atom or bivalent group, two of Z^1, Z^2, Z^3, and Z^4 represent coordination bonds, and the remaining two of them represent covalent bonds, oxygen atoms or sulfur atoms), and a light-emitting device containing the platinum complex.